

IN THE SPECIFICATION

**Please amend the Title on page 1 as follows:**

PSEUDO-RANDOM NUMBER SEQUENCE OUTPUT UNIT, TRANSMITTER,  
RECEIVER, COMMUNICATION SYSTEM AND FILTER UNIT, ~~PSEUDO-RANDOM  
NUMBER SEQUENCE OUTPUT METHOD, TRANSMISSION METHOD, RECEIVING  
METHOD AND FILTERING METHOD, AND DATA RECORDING MEDIUM~~

**Please replace the paragraph beginning at page 25, paragraph [0187] with the following rewritten paragraph:**

[0187] The pseudo-random sequence output unit 101 accepts the sequence initial values and integer parameters (orders) (step S301), uses them and the aforesaid recurrence formula to calculate a pseudo-random number sequence (step ~~S301~~S302), and outputs the calculated pseudo-random number sequence (step S303) to complete the processing.

**Please replace the paragraph beginning at page 25, paragraph [0229] with the following rewritten paragraph:**

[0229] Unlike the correlation detecting section 612, which successively multiplies the received signal by the "elements" of the pseudo-random number sequence, the inverse spreading section 605 successively multiplies the received signal by the "reciprocals of the elements" of the pseudo-random number sequence. Thus the correlation detecting section 612 calculates correlation/cross-correlation, while the inverse spreading section 605 carries out ~~dispersing~~ despreading.